

32692

Customer Number

Patent
Case No.: 58915US007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: LINDSTROM, KYLE J.

Application No.:

Group Art Unit: Unknown

Filed:

Examiner: Unknown

Title: ALKOXY SUBSTITUTED IMIDAZOQUINOLINES

INFORMATION DISCLOSURE STATEMENT

Mail Stop: PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any additional cited foreign patents, foreign publications, non-patent literature documents; and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

28 MARCH 2006

Date

By: Dean A. Ersfeld
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Office of Intellectual Property Counsel
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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 1 of 5	Application Number	Unknown
	Filing Date	
	First Named Inventor	LINDSTROM, KYLE J.
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	Examiner Name	Unknown
	Attorney Case Number	58915US007

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc Number-(Kind Code if Known)			
	A1	US- 3,314,941	04-18-1967	Littell et al.	
	A2	US- 4,689,338	08-25-1987	John F. Gerster	
	A3	US- 4,698,348	10-06-1987	John F. Gerster	
	A4	US- 4,929,624	05-29-1990	Gerster et al.	
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	A7	US- 5,175,296	12-29-1992	Gerster	
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	A18	US- 5,693,811	12-02-1997	Lindstrom	
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Information Disclosure Statement — PTO-1449 (Modified)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.D./

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	A57	US- 2002/0016332 A1	02-07-2002	Slade	
	A58	US- 2002/0055517 A1	05-09-2002	Smith	
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	A67	US- 2004/0091491	05-13-2004	Kedl, et al.	
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Foreign Patent Documents						
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	B2	PCT	WO 02/36592	05-10-2002		X
	B3	PCT	WO 02/46194	06-13-2002		
	B4	PCT	WO 02/46749	06-13-2002		
	B5	PCT	WO 02/102377	12/27-2002		
	B6	PCT	WO 03/020889	03-13-2003		
	B7	PCT	WO 03/043572	05-30-2003		
	B8	PCT	WO 03/045391	06-05-2003		
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	B12	JP	11-080156 A	03-26-1999		X
	B13	JP	11-222432	08-17-1999		X
	B14	JP	2000-247884 (abs)	09-12-2000		X
	B15	EP	0 394 026	10-24-1990		
	B16	EP	1 104 764	06-06-2001		

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS		
Exam. Init *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Wozniak, et al, "The Amination of 3-nitro-1, 5-naphthyridines by Liquid Ammonia/Potassium Permanganate ^{1,2} . A New and Convenient Amination Method.", <u>Journal of the Royal Netherlands Chemical Society</u> , 102, pp 511-513, December 12, 1983.
	C2	Brennan, et al, "Automated Bioassay of Interferons in Micro-test Plates", <u>Biotechniques</u> , June/July, 78, 1983.
	C3	Testerman, et al., "Cytokine Induction by the Immunomodulators Imiquimod and S-27609", <u>Journal of Leukocyte Biology</u> , Volume 58, pp. 365-372, September 1995.
	C4	Bachman, et al, "Synthesis of Substituted Quinolylamines. Derivatives of 4-Amino-7-Chloroquinoline", <u>J. Org. Chem.</u> , 15, pp 1278-1284 (1950).
	C5	Jain, et al, "Chemical and Pharmacological Investigations of Some ω -Substituted Alkylamino-3-aminopyridines", <u>J. Med. Chem.</u> , 11, pp 87-92 (1968).
	C6	Baranov, et al., <u>Chem. Abs.</u> , 85, 94362, (1976).

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	C7	Berényi, et al, "Ring Transformation of Condensed Dihydro-as-triazines", <u>J. Heterocyclic Chem.</u> , 18, pp 1537-1540 (1981).
	C8	Chollet, et al, "Development of a Topically Active Imiquimod Formulation", <u>Pharmaceutical Development and Technology</u> , 4(1), pp 35-43 (1999)
	C9	Izumi, et al., "1H-Imidazo[4,5-c]quinoline Derivatives as Novel Potent TNF- α Suppressors: Synthesis and Structure-Activity Relationship of 1-, 2- and 4-Substituted 1H-imidazo[4,5-c]pyridines", <u>Bioorganic & Medicinal Chemistry</u> , 11, pp 2541-2550 (2003)

*Examiner:	/Rita Desai/	Date Considered:	07/24/2009
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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